

April 15, 1993

Ms. Kathleen Katz
Case Manager
Industrial Site Evaluation Element
New Jersey Department of Environmental
Protection and Energy
CN 028
401 East State Street, Floor 5
Trenton, New Jersey 08625-0028

RE: March 1993 Monthly Progress
Report on Remedial Activities
at the Former Hexcel Site
205 Main Street, Lodi Borough
Bergen County, New Jersey
ECRA Case No. 86009

Dear Ms. Katz:

On behalf of Hexcel Corporation, Killam Associates (Killam), has prepared this summary report of remedial activities performed at the above referenced site during the period of March 16, 1993 to April 15, 1993. This report satisfies the requirements of Paragraph 36 of the New Jersey Department of Environmental Protection and Energy (NJDEPE) conditional approval letter of July 31, 1990.

A. GROUNDWATER

Collection of Basement Seepage Water

The air stripping towers and incinerator were operated during the month of March 1993 in order to treat approximately 4,050 gallons of basement seepage water collected during the month of February 1993.

Upper Overburden Aquifer

No additional work was performed relating to the upper overburden aquifer during the month of March.

Lower Overburden Aquifer

No additional work was performed relating to the lower overburden aquifer during the month of March.

B. SOILS

No additional work was performed relating to soils during the month of March.

SDMS Document



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C. GROUNDWATER TREATMENT SYSTEM OPERATION

The 4,050 gallons of basement seepage water collected in the month of February and treated during March 1993, has not been discharged to the Passaic Valley Sewerage Commissioners (PVSC) as the PVSC Permit for Hexcel under Fine Organics (Permit #17405042) expired on November 30, 1992. Killam has applied for an extension to this permit with the PVSC.

Although Hexcel did not discharge during the month of March, it is still necessary to file the appropriate PVSC MR-2 form and the NJPDES SIU Permit Discharge Monitoring Report (DMR). Copies of these forms are included in Appendix A of this report.

Due to the precipitation which occurred during the months of March and April, the basement at the Hexcel facility flooded. Since Hexcel is unable to discharge, additional water storage was required. Therefore, on April 2, 1993, a temporary 6,500 gallon tank with a 7,500 gallon containment berm was set up on the Hexcel property. The 4,050 gallons treated during March 1993, was pumped into this tank and another 4,000 gallons of water was collected from the basement floor. This 4,000 gallons was successfully run through the treatment system and was transported to E.I. Dupont de Nemours, Inc. of Deepwater, New Jersey for final disposal on April 13, 1993. The manifests from this activity are included in Appendix B of this report.

D. DENSE NON-AQUEOUS PHASE LIQUID (DNAPL)

In accordance with the Groundwater/DNAPL/LNAPL Monitoring Plan of October, 1992, DNAPL measurements were collected on February 11, 1993, March 11, 1993 and April 7, 1993. Based upon the most recent round of data collection, DNAPL is present in wells MW-6, MW-8 and RW6-1. The results for the March 11 and April 7, 1993 rounds and previous historical data can be found in Table 1 of this report. (Results for February 11, 1993 are not presented. Please refer to the February 1993 progress report.) Field data tables can be found in Appendix C of this report.

E. LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL)

In accordance with the Groundwater/DNAPL/LNAPL Monitoring Plan of October, 1992, LNAPL/Groundwater measurements were collected on February 11, 1993, March 11, 1993 and April 7, 1993. The most recent round of data collection exhibited the presence of LNAPL in wells CW-7 and P-2. Additionally, a manual skimmer has been installed in CW-7. This skimmer was last emptied on April 7, 1993 and one-tenth of a gallon of product was removed. The results for the March 11 and April 7, 1993 rounds and previous historical data is presented in Table 2 of this report. (Results for February 11, 1993 are not presented. Please refer to the February 1993 monthly progress report.) Field data information is located in Appendix C.

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F. STATUS OF PERMITS

Air Control Apparatus

No activity occurred during this time period.

PVSC Sewer Connection Permit

Hexcel submitted a conceptual design draft to the PVSC for the installation of a separate sewer connection line on March 23, 1993. The PVSC issued a verbal approval with comments on April 6, 1993. Hexcel is currently preparing a final version of the PVSC Sewer Connection Permit application and is expecting to submit the application by the end of April.

NJPDES Discharge to Groundwater Permit

No additional work was performed relevant to the NJPDES DGW Permit during the month of March.

NJPDES Discharge to Surface Water Permit

No additional work was performed relevant to the NJPDES DSW Permit during the month of March.

TWA Sewer Connection Permit

Hexcel is currently finalizing the TWA Sewer Connection Permit application. A letter was sent to the Borough of Lodi requesting access to Main Street for the installation of the sewerline on March 26, 1993. No reply has been received. Based upon the Borough of Lodi's approval, Hexcel expects to submit this permit application by the end of April 1993.

Stream Encroachment Permit

A Stream Encroachment Permit is required to install the sewerline connection since the Hexcel facility is located in a flood plain. This permit application is currently being finalized and is expected to be submitted at the end of this month.

G. GROUNDWATER SAMPLING

Killam spoke with Mr. Bob Slobodin of Academy Auto Recyclers, Inc. on April 14, 1993 regarding the site access letter. Mr. Slobodin refused to grant Hexcel access to his property in order to install a well or perform any other remediation activities. Additionally, Hexcel submitted a letter to the NJDEPE on March 1, 1993 addressing the request for the installation of a deep well by MW-1. Hexcel is currently awaiting a response from the NJDEPE. Until a response is received, the sampling of the designated groundwater monitoring wells will not be performed.

TABLE 1
DNAPL Table

Well Number	Date	Result
RW7-2	08/28/90	Trace
	06/07/91	ND
	10/28/91	ND
	03/18/92	ND
	03/11/93	ND
	04/07/93	ND
RW7-3	08/28/90	Trace
	06/07/91	Trace
	03/18/92	ND
	03/11/93	ND
	04/07/93	ND
RW7-4	08/28/90	4
	06/07/91	2.5
	08/06/91	0.73
	10/15/91	0.95
	10/21/91	0.75
	03/18/92	0.33
	03/11/93	ND
	04/07/93	ND
RW7-6	03/11/93	ND
	04/07/93	ND
RW7-7	03/11/93	ND
	04/07/93	ND
RW7-8	03/11/93	ND
	04/07/93	ND

TABLE 1
DNAPL Table

Well Number	Date	Result
RW7-9	03/11/93	ND
	04/07/93	ND
RW7-10	03/11/93	ND
	04/07/93	ND
RW6-1	03/11/93	ND
	04/07/93	Trace
RW6-2	03/11/93	ND
	04/07/93	ND
MW-6	06/07/91	0.2
	08/06/91	1.2
	10/15/91	1.23
	10/21/91	0.38
	03/18/92	1.44
	03/11/93	1.18
	04/07/93	1.3
MW-8	06/07/91	0.5
	08/06/91	1.58
	10/15/91	1.56
	10/21/91	0.49
	03/18/92	0.65
	03/11/93	0.97
	04/07/93	1.42

TABLE 1
DNAPL Table

Well Number	Date	Result
MW-27	08/28/90	Trace
	03/11/93	ND
	04/07/93	ND
MW-28	03/11/93	ND
	04/07/93	ND
CW-3	03/11/93	ND
	04/07/93	ND
CW-4	03/11/93	ND
	04/07/93	ND
CW-5	03/11/93	ND
	04/07/93	ND
CW-14	03/11/93	ND
	04/07/93	ND
CW-15	08/22/90	Trace
	08/28/90	Trace
	06/07/91	ND
	10/21/91	ND
	03/11/93	ND

TABLE 1
DNAPL Table

Well Number	Date	Result
CW-16	08/22/90	Trace
	10/21/91	ND
	03/18/92	ND
	03/11/93	2.45

TABLE 2
LNAPL/Groundwater Table

Well Number	Date	Result
MW-1	03/11/93	ND
	04/07/93	ND
MW-2	03/11/93	ND
	04/07/93	ND
MW-3	03/11/93	ND
	04/07/93	ND
MW-4	03/11/93	ND
	04/07/93	ND
MW-5	03/11/93	ND
	04/07/93	ND
MW-6	03/11/93	ND
	04/07/93	ND
MW-7	03/11/93	ND
	04/07/93	ND
MW-8	03/11/93	ND
	04/07/93	ND
MW-9	03/11/93	ND
	04/07/93	ND

TABLE 2
LNAPL/Groundwater Table

Well Number	Date	Result
MW-10	03/11/93	ND
	04/07/93	ND
MW-11	03/11/93	ND
	04/07/93	ND
MW-12	03/11/93	0.01
	04/07/93	ND
MW-13	03/11/93	ND
	04/07/93	ND
MW-14	03/11/93	ND
	04/07/93	ND
MW-15	03/11/93	ND
	04/07/93	ND
MW-16	03/11/93	ND
	04/07/93	ND
MW-17	03/11/93	ND
	04/07/93	ND
MW-18	06/18/91	ND
	07/26/91	ND
	04/09/92	Trace
	03/11/93	ND
	04/07/93	ND

TABLE 2
LNAPL/Groundwater Table

Well Number	Date	Result
MW-19	03/11/93	ND
	04/07/93	ND
MW-20	03/11/93	ND
	04/07/93	ND
MW-21	03/11/93	ND
	04/07/93	ND
MW-22	03/11/93	ND
	04/07/93	ND
MW-23	11/10/90	SH
	06/18/91	Trace
	07/26/91	ND
	04/08/92	0.02
	03/11/93	ND
	04/07/93	ND
MW-24	03/11/93	ND
	04/07/93	ND
MW-25	03/11/93	0.93
	04/07/93	ND
MW-26	03/11/93	ND
	04/07/93	ND

TABLE 2
LNAPL/Groundwater Table

Well Number	Date	Result
MW-27	03/11/93	ND
	04/07/93	ND
MW-28	03/11/93	ND
	04/07/93	ND
MW-29	02/12/91	ND
	06/18/91	SH
	07/26/91	ND
	04/08/92	ND
	03/11/93	ND
	04/07/93	ND
MW-30	02/12/91	SH
	06/18/91	ND
	07/26/91	ND
	04/08/92	ND
	03/11/93	ND
	04/07/93	ND
MW-31	02/12/91	ND
	06/18/91	ND
	07/26/91	ND
	04/18/92	ND
	03/11/93	ND
	04/07/93	ND
MW-32	03/11/93	ND
	04/07/93	ND

TABLE 2
LNAPL/Groundwater Table

Well Number	Date	Result
MW-33	03/11/93	ND
	04/07/93	ND
CW-1	03/11/93	ND
	04/07/93	ND
CW-2	03/11/93	ND
	04/07/93	ND
CW-6	03/11/93	ND
	04/07/93	ND
CW-7	06/18/91	3.15
	08/29/91	2.14
	09/17/91	1.89
	03/18/92	Trace
	04/09/92	0.16
	03/11/93	0.93
	04/07/93	0.73
CW-8	08/29/91	ND
	09/17/91	ND
	04/09/92	ND
	03/11/93	ND
	04/07/93	ND
CW-10	03/11/93	ND
	04/07/93	ND
CW-13	03/11/93	ND
	04/07/93	ND

TABLE 2
LNAPL/Groundwater Table

Well Number	Date	Result
CW-22	03/11/93	ND
	04/07/93	ND
RW1-1	10/16/91	ND
	03/18/92	ND
	03/11/93	ND
	04/07/93	ND
RW6-1	03/11/93	ND
	04/07/93	ND
RW7-8	03/11/93	ND
	04/07/93	ND
RW15-1	10/03/90	ND
	12/13/90	ND
	08/29/91	ND
	03/18/92	ND
	03/11/93	ND
RW15-2	10/03/90	ND
	12/13/90	ND
	08/29/91	ND
	03/18/92	ND
	03/11/93	ND
	04/07/93	ND

TABLE 2
LNAPL/Groundwater Table

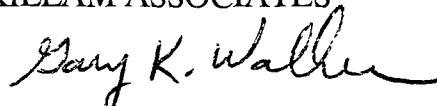
Well Number	Date	Result
P-1	10/03/90	0.1
	12/13/90	0.08
	08/29/91	0.38
	03/18/92	Trace
	03/11/93	ND
	04/07/93	ND
P-2	10/03/90	ND
	12/13/90	ND
	08/29/91	ND
	03/18/92	ND
	03/11/93	0.32
	04/07/93	0.68

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April 15, 1993
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If you have any questions or comments regarding this report, please do not hesitate to contact me at (201) 912-2489.

Very truly yours,

KILLAM ASSOCIATES



Gary K. Walker
Senior Project Scientist

cc: A. William Nosil, Hexcel Corporation
James Higdon, Fine Organics
Lisa Bromberg, Esq.
Essam Saleh, Hexcel Corporation

APPENDIX A


MR-2 and DMR for March, 1993

NAME HEXCEL CORPORATION CONTRIBUTION TO FINE ORGANICS DIVISION
ADDRESS 205 MAIN STREET
FACILITY LOCATION LODI, NJ 07644
OUTLET DESIGNATION (17 DIGITS) 17405041-37430-0171 OUTLET# INDUSTRIAL S.

MONITORING PERIOD					
3	1	93	3	31	93
MO.	DAY	YR	MO.	DAY	YR
START			END		

VOL DISCHARGED THIS PERIOD
NONE
GALS
CU. FT. X 7.48 = GALLONS
4050
EFFLUENT METER READING LAST DAY THIS PERIOD

[illegible]

SIGNATURE OF PRINCIPAL OR AUTHORIZED AGENT	TYPE NAME AND TITLE	TELEPHONE NO.
	DAVID H. KNOWLES	201-912-2584

PVSC FORM MR-2 REV.2 1/86

DATE _____

4/8/93

883830017

MONITORING REPORT - TRANSMITTAL SHEETTotal pages in
this submittal
including cover
form

3

NJPDES NO.

0081507

REPORTING PERIOD

MO. YR. 03 93 THRU MO. YR. 03 93

PERMITTEE: Name Hexcel CorporationAddress P.O. Box 8181, 5794 West Las Positas Blvd.
Pleasanton, California 94588-8781

Owner _____

FACILITY: Name Fine Organics Corporation

Address 205 Main Street

Lodi, NJ 07644 (County) Bergen

Telephone (201) 472-6800 Contact Person Essam A. Saleh

FORMS ATTACHED (Indicate Quantity of Each)

YES NO

SLUDGE REPORTS - Sanitary

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009PERMIT NONCOMPLIANCE ☐ X

SLUDGE REPORTS - Industrial

☐ T-VWX-010A ☐ T-VWX-010S

OPERATING EXCEPTIONS

DYE TESTING ☐ ☐

WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013TEMPORARY BYPASSING ☐ ☐DISINFECTION INTERRUPTION ☐ ☐

GROUNDWATER REPORTS

☐ T-VWX-015 ☐ T-VWX-015B ☐ T-VWX-017MONITORING MALFUNCTIONS ☐ ☐☐ T-VWX-015A ☐ T-VWX-016 ☐ T-VWX-015UNITS OUT OF OPERATION ☐ ☐OTHER ☐ ☐

NPDES DISCHARGE MONITORING REPORT

☒ EPA FORM 3320-1 ☐ OTHER(Detail any "YES" in appropriate space,
attach sheets if needed.)

NOTE: The "Hours Attended at Plant/"

Permit Noncompliance on the reverse
of this sheet must also be completed
for the applicable month and day.LABORATORY CERTIFICATION:

Name of NJDEP certified laboratory performing analysis:

Certified laboratory identification number:

N/A NODI

OPERATING EXCEPTIONS/PERMIT NONCOMPLIANCE DETAILED/COMMENTSIf you checked "yes" for permit noncompliance, explain the reason(s) for being out of compliance
and what measures are being taken to achieve compliance. Provide a schedule for any corrective action.

NODI

(over)

883830018

Day of Month,"	"	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Licensed Operator																																
Permit Noncompliance																																

Day of Month,"	"	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Licensed Operator																																
Permit Noncompliance																																

Day of Month,"	"	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Licensed Operator																																
Permit Noncompliance																																

FOR SIU ONLY (Attach necessary explanations):

I. Notification of Changed Discharge (Since your last Monitoring Report):

- (a) Has any process, operation or method of wastewater at your facility changed? If yes, provide an explanation. ☐ Yes ☒ No
- (b) Has there been a substantial change in the volume or character of pollutants in your discharge, including the listed or characteristic hazardous wastes for which initial notification has been submitted under 40 CFR 403.12(p)? If yes, provide an explanation. ☐ Yes ☒ No

II. One Time Notification:

- (a) Has your facility discharged a substance into the POTW not already reported under the self monitoring requirements of 40 CFR 403.12(b), (d), and (e) which if otherwise disposed of would be a hazardous waste under 40 CFR Part 261? ☐ Yes ☐ No
- (b) Has your facility discharged more than 15 kg of non-acute hazardous wastes and/or any acute hazardous wastes as specified in 40 CFR 261.30(d) and 40 CFR 261.33(e) into the POTW during any calendar month in the reporting period? ☐ Yes ☐ No
- (c) Has your facility not previously submitted notification in accordance with 40 CFR 403.12(p)? ☐ Yes ☐ No

Submit the following information if you have answered "yes" to (a), (b), and (c) of this Section:

Name of hazardous waste _____ EPA hazardous waste no. _____

Type of discharge (batch, continuous, or other) _____

- (d) Has your facility discharged more than 100 kg of hazardous waste to the POTW during any calendar month in the reporting period? If yes, attach the following information to the extent such information is known and readily available to you: ☐ Yes ☐ No

(1) Identity of hazardous constituents contained in wastes _____

(2) Estimate of mass and concentration of such constituents in the wastestream discharging during the applicable month. _____ kg _____ m

(3) Estimate of mass of constituents in the wastestream expected to be discharged during the following 12 months. _____ kg

- (e) If your answer to any of the items noted in Section II. is "yes", then attach a copy of the program required under 40 CFR 403.12(p)(4) in place to reduce the volume and toxicity of hazardous wastes generated to the degree which you have determined to be economically practical.

Noted program is: ☐ Attached ☐ Not Attached ☐ Not Applicable

CERTIFICATION (ALL PERMITTEES):

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SEWAGE TREATMENT SYSTEM LICENSED OPERATOR
(If Applicable)

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE *

Name (Print) DAVID H. KNOWLES

Name (Print) _____

License & Registry No. N-4 N0027

Title (Print) _____

Signature [Signature] Date 4/8/93

as defined in 40 CFR 403.12(l)

883830019

NAME (Last, first, and middle initial)
FIRM NAME Hexcel Corporation
ADDRESS P.O. Box 8181
PLEASANTON CA 94588-8781
FACILITY Fine Organics Site
LOCATION 205 Main Street, Lodi, NJ 07644

DISCHARGE MONITORING REPORT (DMR)
(2-16) (11-19)

NJ 0081507
PERMIT NUMBER

DSN001
DISCHARGE NUMBER

MONITORING PERIOD								
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY	
	93	3	1		93	3	31	
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)	

NOTE: Read Instructions before completing this form

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAI T (66)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
low	SAMPLE MEASUREMENT									
0050 Eff. Gross	PERMIT REQUIREMENT	Monitor AVG	7200 Daily MX	GPD						
0050 5 Day AVG	SAMPLE MEASUREMENT	--	--	--						
0310 Eff. Gross	PERMIT REQUIREMENT	--	--			Monitor 30 DA AVG	Monitor Daily MX	mg/l	1/30	24 CO
SS	SAMPLE MEASUREMENT	--	--							
0530 Eff. Gross	PERMIT REQUIREMENT	--	--	--		Monitor 30 DA AVG	Monitor Daily MX	mg/l	1/30	24 CO
Petroleum Hydrocarbons	SAMPLE MEASUREMENT	--	--							
0551 Eff. Gross	PERMIT REQUIREMENT	--	--	--		Monitor 30 DA AVG	100 Daily MX	mg/l	1/30	GR
TO	SAMPLE MEASUREMENT	--	--							
8171 Eff. Gross	PERMIT REQUIREMENT	--	--	--		Monitor 30 DA AVG	2.13 Daily MX	mg/l	1/30	24 CO
CBs	SAMPLE MEASUREMENT	--	--							
total Eff. Gross	PERMIT REQUIREMENT	--	--	--		Monitor 30 DA AVG	1.00 Daily MX	ug/l	1/30	24 CO
II	SAMPLE MEASUREMENT	--	--							
0400 Eff. Gross	PERMIT REQUIREMENT	--	--	--	5.0 Minimum		10.5 Maximum	SU	1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

JOHN F. O'FLAHERTY
VICE PRESIDENT

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

510 847-9500

AREA CODE

NUMBER

YEAR

MO

STATEMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NODI

APPENDIX B

Manifest for Treated Basement Water

April 13, 1993



State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 028, Trenton, NJ 08625-0028

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address		HEXCEL Corporation 205 Main St Lodi, New Jersey 07644		A. State Manifest Document Number		NJ 1666216		B. State Generator's ID	
4. Generator's Phone (201) 473-6300		5. Transporter 1 Company Name		6. US EPA ID Number		C. State Trans. ID		D. Transporter's Phone (908) 463-1001	
7. Transporter 2 Company Name		8. US EPA ID Number		9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Trans. ID	
E. I. du Pont de Nemours & Co, Inc Chambers Works - Route 130 Deepwater NJ 07833		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. Waste Chemical Process Liquid NON RCRA/NE NDOT Regulated Material		b. Water 100% L		c. X 11 TTX 412010 G		X 91010		K. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information		NJ DEC # 730143		PC # 3434		Contract # 010033711		Release # 14	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.		If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		Printed/Typed Name		Signature		Month Day Year	
X E. I. du Pont de Nemours & Co		X E. I. du Pont de Nemours & Co		12/4/1985		17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name	
X JERRY CERREZ		X JERRY CERREZ		12/4/1993		18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name	
19. Discrepancy Indication Space		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name		Signature		Month Day Year	

APPENDIX C

Field Data Tables for Groundwater/DNAPL/LNAPL Monitoring

HEXCEL PROJECT, LODI, NJ
LNAPL/GROUNDWATER MONITORING FORM

DATE: March 11, 1993 RECORDED BY: Joe Caijao/Ines Torres
WEATHER CONDITIONS: Sunny, upper 30's

Well No.	Total Depth of Well (TOC)	TOC Elevation (ft., NJVD)	Depth to Water (ft.)	Water Elevation (ft., NJVD)	Elev. of Top of Screen (ft., NJVD)	Time *	Depth to LNAPL/ DNAPL	Thickness of LNAPL/ DNAPL	Remarks
MW-1	23.27	32.42	9.91	22.51	14.03		ND		
MW-2	10.16	31.00	8.07	22.93	24.90		ND		
MW-3	30.50	31.13	9.90	21.23	4.84		ND		
MW-4	9.80	32.28	7.99	24.29	27.52		ND		
MW-5	28.18	32.50	10.79	21.71	9.03		ND		
MW-6	18.64	30.70	9.97	20.73	22.14		17.46 DNAPL	1.18	LNAPL was ND.
MW-7	32.66	30.68	9.20	21.48	3.18		ND		
MW-8	17.12	30.26	11.19	19.07	22.92		16.15 DNAPL	0.97	LNAPL was ND.
MW-9	29.52	29.83	8.31	21.52	4.89		ND		
MW-10	16.98	30.83	11.93	18.90	24.33		ND		
MW-11	33.64	30.78	9.55	21.23	7.28		ND		
MW-12	17.16	31.01	10.19	20.82	23.62		10.18	0.01	
MW-13	33.06	31.16	9.28	21.88	2.63		ND		
MW-14	15.48	30.70	10.86	19.84	24.12		ND		

Note: The Total Well Depth (From TOC) and the Elev. of Top of Screen will be determined during the first monitoring episode.

* The time of day was not recorded for this round. However, all data was collected on March 11, 1993.

CHECKED BY: _____, DATE: _____

HEXCEL PROJECT, LODI, NJ
LNAPL/GROUNDWATER MONITORING FORM
(Continued)

Well No.	Total Depth of Well (TOC)	TOC Elevation (ft., NJVD)	Depth to Water (ft.)	Water Elevation (ft., NJVD)	Elev. of Top of Screen (ft., NJVD)	Time	Depth to LNAPL/ DNAPL	Thickness of LNAPL/ DNAPL	Remarks
MW-15	25.38	30.77	8.42	22.35	10.17		ND		
MW-16	12.80	29.69	7.16	22.53	21.71		ND		
MW-17	13.98	31.53	8.66	22.87	25.10		ND		
MW-18	11.23	32.23	9.09	23.14	26.04		ND		
MW-19	26.34	29.08	6.74	22.34	7.30		ND		
MW-20	19.68	27.95	5.01	22.94	13.50		ND		
MW-21	14.98	30.67	8.44	22.23	25.80		ND		
MW-22	8.33	28.36	5.61	22.75	24.73		ND		
MW-23	9.80	27.29	4.61	22.68	22.83		ND		
MW-24	9.76	26.12	3.56	22.56	21.93		ND		
MW-25	12.94	26.03	7.79	18.24	23.47		ND		
MW-26	12.90	28.88	7.32	21.56	12.26		ND		
MW-27	12.40	31.43	7.21	24.22	24.10		ND		
MW-28	14.86	29.68	9.99	19.69	24.50		ND		

Note: The Total Well Depth (From TOC) and the Elev. of Top of Screen will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

HEXCEL PROJECT, LODI, NJ
LNAPL/GROUNDWATER MONITORING FORM
(Continued)

Well No.	Total Depth of Well (TOC)	TOC Elevation (ft., NJVD)	Depth to Water (ft.)	Water Elevation (ft., NJVD)	Elev. of Top of Screen (ft., NJVD)	Time	Depth to LNAPL/ DNAPL	Thickness of LNAPL/ DNAPL	Remarks
MW-29	9.50	27.06	4.24	22.82	22.50		ND		
MW-30	10.32	27.95	5.38	22.57	22.25		ND		
MW-31	10.53	27.95	6.29	21.66	22.33		ND		
MW-32	11.10	32.38	7.74	24.64	27.41		ND		
MW-33	16.80	31.72	9.62	22.10	24.37		ND		
CW-1	11.34	29.77	6.79	22.98	23.27		ND		
CW-2	11.24	29.51	6.37	23.14	23.11		ND		
CW-6	8.34	28.93	5.93	23.00	25.25		ND		
CW-7	13.94	26.13	7.79	18.34	17.70		6.86 LNAPL	0.93	LNAPL detected at 6.86.
CW-8	14.90	26.77	8.01	18.76	17.70		ND		
CW-10	10.10	25.91	6.49	19.42	17.50		ND		
CW-13	11.28	26.05	7.93	18.12	17.60		ND		
CW-22	13.82	26.35	6.46	19.89	18.30		ND		
RW1-1	28.38	28.38	5.09	23.29	23.67		ND		

Note: The Total Well Depth (From TOC) and the Elev. of Top of Screen will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

HEXCEL PROJECT, LODI, NJ
LNAPL/GROUNDWATER MONITORING FORM
(Continued)

Well No.	Total Depth of Well (TOC)	TOC Elevation (ft., NJVD)	Depth to Water (ft.)	Water Elevation (ft., NJVD)	Elev. of Top of Screen (ft., NJVD)	Time	Depth to LNAPL/ DNAPL	Thickness of LNAPL/ DNAPL	Remarks
RW6-1	13.60	28.84	4.21	24.63	20.28		ND		
RW7-8	14.84	25.90	5.64	20.26	16.71		ND		
RW15-1	14.80	28.89	7.36	21.53	25.68				Unable to access well.
RW15-2	14.00	30.13	7.03	23.10	26.37		ND		
P-1	14.00	30.06	6.94	23.12	27.79		ND		
P-2	12.40	30.06	7.77	22.29	28.73		7.45 LNAPL	0.32	LNAPL detected at 7.45.

Note: The Total Well Depth (From TOC) and the Elev. of Top of Screen will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

HEXCEL PROJECT, LODI, NJ
DNAPL MONITORING FORM

DATE: March 11, 1993

RECORDED BY: Joe Cajiao/Ines Torres

WEATHER CONDITIONS: Sunny, upper 30's

Well No.	TOC Elevation (ft, NJVD)	Depth to Water (ft)	Depth to DNAPL	Total Well Depth (From TOC)	Water Elevation (ft, NJVD)	Thickness of DNAPL	Date/ Time of Day *	Remarks
RW7-2	26.48	7.11	ND	14.70	19.37			
RW7-3	26.78	6.34	ND	17.00	20.44			
RW7-4	27.11	6.67	ND	18.94	20.44			
RW7-6	26.48	6.59	ND	14.84	19.89			
RW7-7	26.89	6.66	ND	14.80	20.23			
RW7-8	25.90	5.64	ND	14.84	20.26			
RW7-9	26.87	6.61	ND	16.00	20.26			
RW7-10	26.08	6.96	ND	14.04	19.12			
RW6-1	28.84	4.21	ND	13.60	24.63	Trace		
RW6-2	29.27	4.35	ND	14.68	24.92			
MW-6	30.70	9.97	17.46	18.84	20.73	1.30		
MW-8	30.26	11.19	16.15	17.12	19.07	1.42		
MW-27	31.43	7.21	ND	12.40	24.22			
MW-28	29.68	9.99	ND	14.86	19.69			

Note: The Total Well Depth (From TOC) will be determined during the first monitoring episode.

* The time of day was not recorded for this round. However, all data was collected on March 11, 1993.

CHECKED BY: _____, DATE: _____

HEXCEL PROJECT, LODI, NJ DNAPL MONITORING FORM

Well No.	TOC Elevation (ft, NJVD)	Depth to Water (ft)	Depth to DNAPL	Total Well Depth (From TOC)	Water Elevation (ft, NJVD)	Thickness of DNAPL	Date/ Time of Day	Remarks
CW-3	29.72	6.47	ND		23.25			
CW-4	29.00	5.72	ND	10.86	23.28			
CW-5	28.67	5.44	ND	9.15	23.23			
CW-14	26.37	7.15	ND	13.74	19.22			
CW-15	26.31	7.27	ND	11.80	19.04			
CW-16	26.45	7.00	11.29	13.74	19.45	2.45		

Note: The Total Well Depth (From TOC) will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

HEXCEL PROJECT, LODI, NJ
LNAPL/GROUNDWATER MONITORING FORM

DATE: April 7, 1993 RECORDED BY: Dan Flatin
WEATHER CONDITIONS: Sunny, upper 40's

Well No.	Total Depth of Well (TOC)	TOC Elevation (ft., NJVD)	Depth to Water (ft.)	Water Elevation (ft., NJVD)	Elev. of Top of Screen (ft., NJVD)	Time	Depth to LNAPL/ DNAPL	Thickness of LNAPL/ DNAPL	Remarks
MW-1	23.27	32.42	9.36	23.06	14.03	1055	ND		
MW-2	10.16	31.00	7.44	23.56	24.90	1149	ND		
MW-3	30.50	31.13	9.20	21.93	4.84	1151	ND		
MW-4	9.80	32.28	7.78	24.50	27.52	1200	ND		
MW-5	28.18	32.50	10.18	22.32	9.03	1158	ND		
MW-6	18.64	30.70	9.37	21.33	22.14	1236	17.30 DNAPL	1.30	LNAPL was ND.
MW-7	32.66	30.68	8.39	22.29	3.18	1238	ND		
MW-8	17.12	30.26	10.88	19.38	22.92	1252	15.70 DNAPL	1.42	LNAPL was ND.
MW-9	29.52	29.83	7.48	22.35	4.89	1250	ND		
MW-10	16.98	30.83	11.64	19.19	24.33	1246	ND		
MW-11	33.64	30.78	8.69	22.09	7.28	1244	ND		
MW-12	17.16	31.01	9.29	21.72	23.62	1228	ND		
MW-13	33.06	31.16	8.44	22.72	2.63	1229	ND		
MW-14	15.48	30.70	10.58	20.12	24.12	1223	ND		

Note: The Total Well Depth (From TOC) and the Elev. of Top of Screen will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

883830030

HEXCEL PROJECT, LODI, NJ
LNAPL/GROUNDWATER MONITORING FORM
(Continued)

Well No.	Total Depth of Well (TOC)	TOC Elevation (ft., NJVD)	Depth to Water (ft.)	Water Elevation (ft., NJVD)	Elev. of Top of Screen (ft., NJVD)	Time	Depth to LNAPL/ DNAPL	Thickness of LNAPL/ DNAPL	Remarks
MW-15	25.38	30.77	7.59	23.18	10.17	1224	ND		
MW-16	12.80	29.69	6.04	23.65	21.71	1240	ND		
MW-17	13.98	31.53	8.18	23.35	25.10	1056	ND		
MW-18	11.23	32.23	8.36	23.87	26.04	1106	ND		
MW-19	26.34	29.08	6.08	23.00	7.30	1221	ND		
MW-20	19.68	27.95	4.26	23.69	13.50	1114	ND		
MW-21	14.98	30.67	7.95	22.72	25.80	1217	ND		
MW-22	8.33	28.36	5.22	23.14	24.73	1108	ND		
MW-23	9.80	27.29	4.19	23.10	22.83	1127	ND		
MW-24	9.76	26.12	2.89	23.23	21.93	1134	ND		
MW-25	12.94	26.03	6.57	19.46	23.47	1138	ND		
MW-26	12.90	28.88	6.61	22.27	12.26	1315	ND		
MW-27	12.40	31.43	6.95	24.48	24.10	1202	ND		
MW-28	14.86	29.68	9.62	20.06	24.50	1232	ND		

Note: The Total Well Depth (From TOC) and the Elev. of Top of Screen will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

883830031

HEXCEL PROJECT, LODI, NJ
LNAPL/GROUNDWATER MONITORING FORM
(Continued)

Well No.	Total Depth of Well (TOC)	TOC Elevation (ft., NJVD)	Depth to Water (ft.)	Water Elevation (ft., NJVD)	Elev. of Top of Screen (ft., NJVD)	Time	Depth to LNAPL/ DNAPL	Thickness of LNAPL/ DNAPL	Remarks
MW-29	9.50	27.06	3.59	23.47	22.50	1131	ND		
MW-30	10.32	27.95	4.51	23.44	22.25	1121	ND		
MW-31	10.53	27.95	4.60	23.35	22.33	1117	ND		
MW-32	11.10	32.38	8.64	14.74	27.41	1215	ND		
MW-33	16.80	31.72	9.09	22.63	24.37	1219	ND		
CW-1	11.34	29.77	6.61	23.16	23.27	1043	ND		
CW-2	11.24	29.51	6.21	23.30	23.11	1045	ND		
CW-6	8.34	28.93	5.55	23.38	25.25	1102	ND		
CW-7	13.94	26.13	7.25	18.88	17.70	1451	6.52 LNAPL	0.73	LNAPL detected at 6.52
CW-8	14.90	26.77	7.43	19.34	17.70	1431	ND		
CW-10	10.10	25.91	6.46	19.45	17.50	1426	ND		
CW-13	11.28	26.05	6.62	19.43	17.60	1359	ND		
CW-22	13.82	26.35	6.11	20.24	18.30	1320	ND		
RW1-1	28.16	28.38	4.41	23.97	23.67	1143	ND		

Note: The Total Well Depth (From TOC) and the Elev. of Top of Screen will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

HEXCEL PROJECT, LODI, NJ
LNAPL/GROUNDWATER MONITORING FORM
(Continued)

Well No.	Total Depth of Well (TOC)	TOC Elevation (ft., NJVD)	Depth to Water (ft.)	Water Elevation (ft., NJVD)	Elev. of Top of Screen (ft., NJVD)	Time	Depth to LNAPL/ DNAPL	Thickness of LNAPL/ DNAPL	Remarks
RW6-1	13.60	28.84	3.98	24.86		1301	Trace DNAPL	Trace	Trace of DNAPL. LNAPL ND.
RW7-8	14.84	25.90	4.84	21.06		1415	ND		
RW15-1	14.80	28.89							Unable to access well.
RW15-2	14.00	30.13	6.12	24.01		1438	ND		
P-1	14.00	30.06	6.22	23.84		1436	ND		
P-2	12.40	30.06	7.01	23.05		1444	6.33 LNAPL	0.68	LNAPL detected at 6.33
RW7-5			6.63	20.94					
RW7-1			6.68	19.81					

Note: The Total Well Depth (From TOC) and the Elev. of Top of Screen will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

**HEXCEL PROJECT, LODI, NJ
DNAPL MONITORING FORM**

DATE: April 7, 1993 RECORDED BY: Dan Flatin
WEATHER CONDITIONS: Sunny, upper 40's

Well No.	TOC Elevation (ft, NJVD)	Depth to Water (ft)	Depth to DNAPL	Total Well Depth (From TOC)	Water Elevation (ft, NJVD)	Thickness of DNAPL	Date/ Time of Day	Remarks
RW7-2	26.48	5.53	ND	14.70	20.95		1418	
RW7-3	26.78	5.72	ND	17.00	21.06		1342	
RW7-4	27.11	6.05	ND	18.94	21.06		1339	
RW7-6	26.48	6.15	ND	14.84	20.33		1345	
RW7-7	26.89	6.04	ND	14.80	20.85		1326	
RW7-8	25.90	4.84	ND	14.84	21.06		1415	
RW7-9	26.87	6.12	ND	16.00	20.75		1329	
RW7-10	26.08	6.18	ND	14.04	19.90		1405	
RW6-1	28.84	3.98	Trace	13.60	24.86	Trace	1301	
RW6-2	29.27	4.31	ND	14.68	24.96		1309	
MW-6	30.70	9.37	17.30	18.64	21.33	1.30	1236	
MW-8	30.26	10.88	15.70	17.12	19.38	1.42	1252	
MW-27	31.43	6.95	ND	12.40	24.48		1202	
MW-28	29.68	9.62	ND	14.86	20.06		1232	

Note: The Total Well Depth (From TOC) will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____

883830034

HEXCEL PROJECT, LODI, NJ
DNAPL MONITORING FORM

Well No.	TOC Elevation (ft, NJVD)	Depth to Water (ft)	Depth to DNAPL	Total Well Depth (From TOC)	Water Elevation (ft, NJVD)	Thickness of DNAPL	Date/ Time of Day	Remarks
CW-3	29.72						1046	Unable to access well.
CW-4	29.00	6.57	ND	10.86	22.43		1048	
CW-5	28.67			9.15			1050	
CW-14	26.37	6.81	ND	13.74	19.56		1056	
CW-15	26.31			11.80				Unable to access well.
CW-16	26.45			13.74				Unable to access well.
CW-18				13.75				Unable to access well.

Note: The Total Well Depth (From TOC) will be determined during the first monitoring episode.

CHECKED BY: _____, DATE: _____